



PATENT  
Atty. Dkt. AMAT/8539/TSG/EPI/RKK

T. J. W.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Kim, et al.

Serial No.: 10/683,937

Confirmation No.: 2191

Filed: October 10, 2003

## For: Methods of Selective Deposition of Heavily Doped Epitaxial SiGe

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Group Art Unit: 2812

Examiner: Michael M. Trinh

**MAIL STOP AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**  
**37 CFR 1.8**

Dear Sir:

## **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/8539/KMT.

Respectfully submitted,



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Substitute for form 1449A/PTO

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Application Number	10/683,937
Filing Date	October 10, 2003
First Named Inventor	Kim, et al.
Group Art Unit	2812
Examiner Name	Michael M. Trinh
Attorney Docket Number	AMAT/8539/TSG/EPI/RKK

Submission Date April 21, 2005

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MMR 28 2005	A1	US-6559520 B2	05/06/2003	MATSUKI, ET AL.	
	A2	US-6451119 B2	09/17/2002	SNEH, ET AL.	
	A3	US-6335280 B1	01/01/2002	VAN DER JEUGD	
	A4	US-6291319 B1	09/18/2001	YU, ET AL.	
	A5	US-20030189208 A1	10/09/2003	LAW, ET AL.	
	A6	US-20020145168 A1	10/10/2002	BOJARCZUK, JR., ET AL.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	WO 02/097864 A2	12/05/2002	ASM AMERICA, INC.		
	B2	WO 02/080244 A2	10/10/2002	ASM AMERICA, INC.		
	B3	WO 02/065525 A1	08/22/2002	ASM AMERICA, INC.		
	B4	WO 02/065517 A2	08/22/2002	ASM AMERICA, INC.		
	B5	WO 02/065516 A2	08/22/2002	ASM AMERICA, INC.		
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	B8	WO 01/41544 A2	06/14/2001	ASM AMERICA, INC.		
	B9	WO 98/20524	05/14/1998	PACIFIC SOLAR PTY. LIMITED		
	B10	JP 05-047665	02/26/1993	FUJITSU LTD		
	B11	JP 03-286522	12/17/1991	NEC CORP		
	B12	JP 02-172895	07/04/1990	NEC CORP		
	B13	JP 01-270593	10/27/1989	FUJITSU LTD		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	C1	International Search Report mailed February 22, 2005 for PCT/US2004/030872 (AMAT/8539-PCT)	

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO		Application Number	10/683,937
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Filing Date	October 10, 2003
		First Named Inventor	Kim, et al.
		Group Art Unit	2812
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		Sheet	2
		Submission Date	April 21, 2005

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